

# Dimensions!

Information Network Program Office **NEWSLETTER**

## Information Network Program Office Helps Department of Navy Into the Future

IN THE BLINK OF AN EYE, when measured against the traditional pace of technological change, the world of commerce and industry has been transformed. The science of information management (IM)—the way in which information is gathered, shared, and used—has been dramatically restructured to exploit a constantly changing field of new technologies, and the effects of this restructuring are rippling through our society.

Shortly after taking office, the Secretary of the Navy witnessed firsthand the consequences of a lack of IM system integration. The difficulties he experienced in communicating computer-to-computer with the Chief of Naval Operations and the Commandant of the Marine Corps were symptomatic of Navy-wide conditions that required immediate solutions. On 26 October 1995, the Secretary began a consolidation of the Department of the Navy's (DoN's) information technology (IT) resources and tasked the Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN(RDA)) to lead the efforts to implement new technology in these areas. The Secretary's goal is to create from existing Navy networks a Navy-wide IM infrastructure that provides commercial, standards-based, interoperable tools. On 7 January 1996, the Information Network Program Office (INPO) was established to serve as a source of leadership, direction, and technical expertise for the consolidation under ASN(RDA).

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Currently at the helm of INPO is Program Manager CAPT James McKenzie, former Executive Assistant to Dr. Marvin Langston, Deputy Assistant Secretary of the Navy for Research, Development, and Acquisition (DASN(C4I/EW/Space)). "The Navy, with more than 900,000 people around the globe, has moved quickly in some areas of IT and slowly in others," notes McKenzie, "Dozens of local- and wide-area systems were developed in isolation. They've been a blessing to the naval organizations that created them but

have created barriers to the flow of information across the service. We at INPO just want to help everyone communicate easily with one another." The primary tools of this effort will be educating, mentoring, and facilitating, as well as providing focused expertise to solve specific IM and IT problems.

McKenzie reports directly to Mr. John Douglass, ASN(RDA), and VADM William Bowes, Principal Deputy Assistant Secretary of the Navy for Research, Development, and Acquisition (PDASN(RDA)).

The Secretary has tasked ASN(RDA) to implement his vision of a Navy that makes maximum use of the enormous potential of information technology. A Navy that encourages specialization within its organizational elements and at the same time provides the technology and expertise for integration among those elements. A

Navy that uses computers not merely to calculate a missile's flight path or gauge a ship's fuel consumption but also to move ideas and data to where they are needed—instantly, effortlessly, and cost effectively. More

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In FY 1996, INPO embarked on a three-phase program. Phase One created the DNHN (Department of the Navy Headquarters Networks),

integrating the numerous existing Navy Pentagon local-area networks (LANs) into two networks—one classified and one unclassified. DNHN is a microcosm of the Secretary's vision, providing commercial, standards-based, interoperable computing tools to every Navy Pentagon office. In the short time since the Secretary's IT consolidation began, the INPO team has brought together the unclassified LANs of the Secretary's office and the Deputy Chief of Naval Operations (Logistics) (N4). In place of the various Navy and Marine Corps Help Desks in the Pentagon that assisted users in the past, a single, consolidated office now provides critical support to the DNHN users, both classified and unclassified.

Phase Two will extend this seamless operational capability to all major Navy-networked sites within 65 miles of Washington, D.C. INPO has joined with seven major System Commands and the Marine Corps to facilitate the interconnection of existing wide-area networks across the Navy. We have set an ambitious schedule for meeting this goal. In conjunction with the Defense Information System Agency (DISA), we will establish the DoN's largest—nearly 300,000-user—integrated network by the end of 1996.

On a larger scale, Phase Three will facilitate the expansion of this communications capability throughout the rest of the Navy. Through teaming, product and

project teams, and forums and groups, INPO will help facilitate the integration of DoN assets into the development of the Defense Information Infrastructure (DII) and a unified DoD communications structure. Five Integrated Product Teams (IPTs), staffed by volunteer talent from across the Navy, are being established to carry out this vision across the Navy. The Network Layer Team, led by Paul Gross, IM director for the Naval Sea Systems Command, will establish policies and standards for computer networking hardware and software including local- and wide-area networks and video technology. The Data Architecture Team will establish policy and standards for data architecture including formatting, storage, warehousing, sharing, and security. The Applications Support Layer Team, lead by CAPT Dave Gamble, the DoN's DMS Program Manager assigned to Space Warfare Command, will develop policy and standards for applications-support elements including object management and messaging. The Applications Enablers Layer Team will develop policy and standards for applications-enabler elements including work flow, document management, E-mail, and calendaring. Finally, the Corporate Applications Team will develop policy and standards for DoN-wide corporate applications and interoperability to these systems.

INPO facilitated the first Navy-wide IM and IT conference.

Participants heard Art Caston, an internationally recognized IT expert, discuss the Second Era of the Information Age. Chris Hoenig, Director of Information Management Issues at the General Accounting Office, presented details of IM Best Practices used nationwide in America's best-managed corporations. Conference attendees considered ways to bring about an information-systems architecture that supports the Navy's *Copernicus* vision. Senior Navy IM and IT leaders came away from the conference with a mandate to focus their efforts on the warfighter, while guiding one of the world's largest organizations through the cultural and technological changes necessary to create a world-class "digitally enabled" enterprise.

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Core INPO team members include Mr. Ron Turner, acting Deputy Program Manager (ASN(RDA) C4I Staff); Ms. Jacke Zeiher, Deputy Program Manager for Functional Analysis and Metrics; Mr. John M. George, Deputy Program Manager for Engineering (Chief Engineer); CDR Andrew G. Meldrum, Deputy Program Manager for Integrated Product Teams (IPT) Integration; Mr. Ed Peretich, Deputy Program Manager for Configuration Management; Ms. Sharon James, Deputy Program Manager for Information Security; and Mr. Tom Bayless, Deputy Program Manager for

Systems  
Maintenance  
and Acting  
Team Lead for  
DNHN.

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***DIMENSIONS***, the newsletter you are now reading, is a window on INPO's activities. It will keep you apprised of the Navy's IM progress, update you on INPO activities, and provide points of contact and sources of information for

help with IM issues. ***DIMENSIONS*** will showcase new tools, processes, and capabilities as they come on line. In subsequent issues, you will read how the Navy is using IM not only as a tool of corporate efficiency but also as one of the premier weapons in the naval warfighter's arsenal.

The INPO offices also keeps you posted with bulletins, urgent IM updates, hot-off-the-press IM news and answers to questions that can't wait till tomorrow with ***InfoNet***—a newsflash flyer that is published as needed for the speedy dissemination of critical information.

Look for us on the World Wide Web (the INPO Home Page is located at URL <http://www.inpo.navy.mil>), or contact us with questions or comments on any aspect of the DNHN transition at [info@inpo.navy.mil](mailto:info@inpo.navy.mil).

## A Message from the Program Manager

COMMUNICATION IS A TWO-WAY STREET. As the new Program Manager of the Information Network Program Office (INPO), I am committed to keeping the INPO Team up-to-date on the Navy's information management (IM) and information technology (IT) progress and providing regular updates on INPO activities. I also want to make sure that your questions about the Department of the Navy Headquarters Networks (DNHN) in the Pentagon are answered and that you have points of contact and sources of information for help with IM and IT issues. For these reasons I'm introducing this quarterly newsletter, ***DIMENSIONS***.

With your help, ***DIMENSIONS*** will showcase new tools, processes, and capabilities developed by you—the users of DNHN. By using ***DIMENSIONS*** to share your experiences in solving day-to-day problems, you can save others the time and aggravation when they run into the problem. We'll do our best to answer your burning questions about "the way things work" on DNHN—and to give you our best information on how IM and IT will work in the future. As DNHN is standing up, we will distribute ***DIMENSIONS*** in both paper and electronic format, moving to an all-electronic version in FY97.

If you have questions or comments about ***DIMENSIONS*** please contact me, my Deputy, or my Communications Team. All your communications are welcome!

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***CAPT J.R. McKenzie, USN***

# DNHN HELP DESK GOES ON LINE!

Photoby Karen Overall



**DNHN Ribbon Cutting Ceremony** (L to R) Dr. Marvin J. Langston, Deputy Assistant Secretary of the Navy for Research, Development, and Acquisition (C4I/EW/Space); Ms. Deborah P. Christie, Comptroller of the Navy; and VADM William C. Bowes, Principal Deputy Assistant Secretary of the Navy for Research, Development, and Acquisition (PDASN(RD&A)) carry out the ribbon cutting honors for the official opening of the DNHN HELP DESK at the Pentagon.

Acquisition (C4I/EW/Space). Ribbon cutting honors were carried out by VADM Bowes and Ms. Christie.

The HELP DESK's staff, headed up by Mr. Tom Bayless, INPOs Deputy Program Manager for Systems Maintenance and Acting Team Lead for the Department of the Navy Headquarters Networks (DNHN), fielded questions and provided advice on all matters relating to computer operations on the DNHN. These included hardware and software problems, training, operating techniques and short-cuts, and schedules of network upgrades and expansions. The DNHN HELP DESK is currently open Monday through Friday from 0700 to 1700 and can be reached by calling 697-6464.

Currently, classified users can reach the HELP DESK for questions and support 24 hours a day, seven days a week by dialing this number. A similar service will be in place for the DNHN Unclassified users shortly.

(The Pentagon, 26 June 1996) A RIBBON CUTTING CEREMONY today marked the official opening of the Department of the Navy Headquarters Networks HELP DESK. This single, consolidated office, located in Room 4C428 of the Pentagon, will be the focal point for fast, efficient support to Pentagon local area networks, both classified and unclassified.

Among the attendees at the opening ceremony were VADM William C. Bowes, Principal Deputy Assistant Secretary of the Navy for Research, Development, and Acquisition (PDASN(RD&A)); Ms. Deborah P. Christie, Comptroller of the Navy; and Dr. Marvin J. Langston, Deputy Assistant Secretary of the Navy for Research, Development, and



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